



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Title: "System and Method for Recognizing Word Patterns in a Very Large Vocabulary Based on a Virtual Keyboard Layout"	
Applicants: Per-Ola Kristensson et al.	
Attorney Docket No.: ARC920040008US1	
Serial No.: 10/788,639	Examiner:
Filed: 02/27/2004	Art Unit: 2621

Mail Stop: Patent Application
Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR BEFORE
MAILING OF FIRST OFFICE ACTION (37 CFR 1.97(b))

Sir:

Applicants submit herewith Form PTO-1449A listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of Form PTO-1449A be returned to the undersigned.

This Disclosure Submission Statement should not to be construed as a representation that a search has been made, that additional material to the examination of this application does not exist, or that the citations constitute prior art.

It is believed that this Disclosure Submission Statement complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures, Sections 609 and 707.05. If for any reason the

Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each non-U.S. patent/patent application, if any, is enclosed unless indicated otherwise. Some of the documents may have markings on them. No significance is meant to be attached to the markings.

Date: June 18, 2004

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Respectfully submitted,



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Attachment



Form PTO-1449 (modified)	Attorney Docket No. ARC920040008US1	Serial No. 10/788,639
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT	Applicants: Per-Ola Kristensson et al.	
<i>(Use several sheets if necessary)</i>	Filing Date: 02/27/2004	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initials	Document No.	Date (MM.DD.YYYY)	Name	Class / Subclass	Filing Date
	6,307,548	10.23.2001	Flinchem, et al.	345/811	09.24.1998
	6,286,064	09.04.2001	King, et al.	710/67	06.24.1999
	6,011,554	01.04.2000	King, et al.	345/811	07.26.1996
	5,953,541	09.14.1999	King, et al.	710/67	01.24.1997

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)

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PUBLICATIONS / OTHER ART

Examiner Initials	Citation
	S. Zhai, M. Hunter & B.A. Smith, "Performance Optimization of Virtual Keyboards, Human-Computer Interaction," Vol. 17 (2, 3), 229-270, 2002. http://www.almaden.ibm.com/u/zhai/papers/ZhaiHunterSmithHCIGalley.pdf
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	Montgomery, E.B. (1982), "Bringing manual input into the 20th century: New Keyboard concepts." Computer, March 1982, pp. 11-18.
	J. Mankoff, and G. D. Abowd, "Cirrin: a word-level unistroke keyboard for pen input". Proc. UIST. 1998, pages 213 – 214.
	G. Kurtenbach, and W. Buxton, "User Learning and Performance with Marking Menus," Proc. CHI. 1994, pages 258-264. http://www.billbuxton.com/MMUserLearn.html
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	D. Venolia, and F. Neiberg, "T-Cube: A fast, self-disclosing pen-based alphabet", Proc. CHI. 1994, pages 265-270.
	D. J. Ward, A. F. Blackwell, and D. J. C. MacKay. "Dasher – a data entry interface using continuous gestures and language models", Proc. UIST. 2000, pages 129-137.

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	Zhai, S. and Kristensson, P.-O., Shorthand Writing on Stylus Keyboard. in CHI 2003, ACM Conference on Human Factors in Computing Systems, CHI Letters 5(1), (Fort Lauderdale, Florida, 2003), ACM. http://www.almaden.ibm.com/u/zhai/papers/SharkFinal.pdf
	Tappert, C.C., "Speed, accuracy, flexibility trade-offs in on-line character recognition", Research Report RC13228, 10/28/1987, IBM T.J. Watson Research Center, 1987
	Charles C. Tappert, Ching Y. Suen, Toru Wakahara, "The State of the Art in On-Line Handwriting Recognition," IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 12, No.8, August 1990. http://csdl.computer.org/comp/trans/tp/1990/08/i0787abs.htm .
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	Accot, J., and Zhai, S., "More than dotting the i's - foundations for crossing-based interfaces," Proc. CHI. 2002, pages 73 – 80. http://www.almaden.ibm.com/u/zhai/papers/AccotZhai2002.pdf
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	H. Levkowitz, et al., "The Design and Evaluation of Color Scales for Image Data," IEEE Computer Graphics and Applications, Volume 12, 1, pp. 72-80, 1992.

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